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FILE LAST UPDATED: 20 Oct 1999 (19991020/ED)

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=> s immunoadhesin  
L1 76 IMMUNOADHESIN

=> s nrg and l1  
99 NRG  
L2 0 NRG AND L1

=> s egf and l1  
15955 EGF  
L3 0 EGF AND L1

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ENTER (L3), L# OR ?:l1  
ENTER ANSWER NUMBER OR RANGE (1):1-76  
ENTER DISPLAY FORMAT (BIB):bib

L1 ANSWER 1 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1999:477339 CAPLUS  
TI An **immunoadhesin** incorporating the molecule OX-2 is a potent immunosuppressant that prolongs allo- and xenograft survival  
AU Gorczynski, Reginald M.; Cattral, Mark S.; Chen, Zhigi; Hu, Jiang; Lei, Ji; Min, Wei-Ping; Yu, Gary; Ni, Jin  
CS Transplant Research Division, The Toronto Hospital, Toronto, ON, M5G2C4, Can.  
SO J. Immunol. (1999), 163(3), 1654-1660  
CODEN: JOIMA3; ISSN: 0022-1767  
PB American Association of Immunologists  
DT Journal  
LA English

L1 ANSWER 2 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1999:376636 CAPLUS  
 DN 131:153988  
 TI Effects of BDNF and NT-3 on development of Ia/motoneuron functional connectivity in neonatal rats  
 AU Seebach, Bradley S.; Arvanov, Viktor; Mendell, Lorne M.  
 CS Department of Neurobiology and Behaviour, State University of New York at Stony Brook, Stony Brook, NY, 11794-5230, USA  
 SO J. Neurophysiol. (1999), 81(5), 2398-2405  
 CODEN: JONEA4; ISSN: 0022-3077  
 PB American Physiological Society  
 DT Journal  
 LA English

L1 ANSWER 3 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:363248 CAPLUS  
 DN 131:128727  
 TI Purification and quantitation of tumor necrosis factor receptor **immunoadhesin** using a combination of immunoaffinity and reversed-phase chromatography  
 AU Battersby, John E.; Vanderlaan, Martin; Jones, Andrew J. S.  
 CS Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO J. Chromatogr., B: Biomed. Sci. Appl. (1999), 728(1), 21-33  
 CODEN: JCBEBP; ISSN: 0378-4347  
 PB Elsevier Science B.V.  
 DT Journal  
 LA English

L1 ANSWER 4 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:354301 CAPLUS  
 DN 131:4242  
 TI Interferon-.beta. fusion protein with immunoglobulin Fc fragment  
 IN Chang, Tse Wen; Yu, Liming  
 PA Tanox, Inc., USA  
 SO U.S., 7 pp., Cont.-in-part of U.S. 5,723,125.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5908626	A	19990601	US 1997-994719	19971219
	US 5723125	A	19980303	US 1996-719331	19960925
PRAI	US 1995-579211		19951228		
	US 1996-719331		19960925		

L1 ANSWER 5 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:311111 CAPLUS  
 DN 130:336963  
 TI Methods and compositions comprising glycoprotein glycoforms  
 IN Raju, T. Shantha  
 PA Genentech, Inc., USA  
 SO PCT Int. Appl., 52 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9922764	A1	19990514	WO 1998-US21925	19981016
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,				

FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SF, BJ, CF, CG, CI,  
 CM, GA, GW, ML, MR, NE, SN, TD, TG  
 AU 9910960 A1 19990524 AU 1999-10960 19981016  
 PRAI US 1997-962497 19971031  
 WO 1998-US21925 19981016

L1 ANSWER 6 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:292416 CAPLUS  
 DN 131:86836  
 TI Memory B lymphocytes from secondary lymphoid organs interact with  
 E-selectin through a novel glycoprotein ligand  
 AU Montoya, Maria C.; Holtmann, Karin; Snapp, Karen R.; Borges, Eric;  
 Sanchez-Madrid, Francisco; Luscinskas, Francis W.; Kansas, Geoffrey;  
 Vestweber, Dietmar; De Landazuri, Manuel O.  
 CS Servicio de Inmunologia, Hospital de la Princesa, Universidad Autonoma de  
 Madrid, Madrid, 28006, Spain  
 SO J. Clin. Invest. (1999), 103(9), 1317-1327  
 CODEN: JCINAO; ISSN: 0021-9738  
 PB American Society for Clinical Investigation  
 DT Journal  
 LA English

L1 ANSWER 7 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:276649 CAPLUS  
 DN 131:100916  
 TI Optimizing production and recovery of immunoadhesins  
 AU Wurm, Florian W.; Ashkenazi, Avi; Chamow, Steven M.  
 CS Swiss Federal Institute of Technology, Lausanne, Switz.  
 SO Antibody Fusion Proteins (1999), 281-308. Editor(s): Chamow, Steven M.;  
 Ashkenazi, Avi. Publisher: Wiley-Liss, New York, N. Y.  
 CODEN: 67OVAK  
 DT Conference; General Review  
 LA English

L1 ANSWER 8 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:147318 CAPLUS  
 DN 130:205926  
 TI Nucleic acids for human trk receptors and immunoadhesins and cells  
 expressing them  
 IN Presta, Leonard G.; Shelton, David L.; Urfer, Roman  
 PA Genentech, Inc., USA  
 SO U.S., 80 pp., Cont.-in-part of U.S. Ser. No. 215,139, abandoned.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5877016	A	19990302	US 1994-286846	19940805
	US 5844092	A	19981201	US 1994-359705	19941220
	WO 9525795	A1	19950928	WO 1995-US3426	19950317
	W: AU, CA, JP, MX, NZ				
SE	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2184059	AA	19950928	CA 1995-2184059	19950317
	AU 9532456	A1	19951009	AU 1995-32456	19950317
	AU 707613	B2	19990715		
	EP 750666	A1	19970102	EP 1995-928850	19950317
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
PRAI	JP 09510612	T2	19971028	JP 1995-524743	19950317
	US 5910574	A	19990608	US 1995-457880	19950531
	US 1994-215139		19940318		
	US 1994-286846		19940805		
	US 1994-359705		19941220		
	WO 1995-US3426		19950317		

L1 ANSWER 9 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:113040 CAPLUS  
 DN 130:350958  
 TI Immunoadhesins of interleukin-6 and the IL-6/soluble IL-6R fusion protein hyper-IL-6  
 AU Jostock, Thomas; Blinn, Guido; Renne, Christoph; Kallen, Karl-Josef; Rose-John, Stefan; Mullberg, Jurgen  
 CS Pathophysiology Section, Medical Clinic, Johannes Gutenberg-Universitat Mainz, D-55101, Germany  
 SO J. Immunol. Methods (1999), 223(2), 171-183  
 CODEN: JIMMBG; ISSN: 0022-1759  
 PB Elsevier Science B.V.  
 DT Journal  
 LA English

L1 ANSWER 10 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:103212 CAPLUS  
 DN 130:308669  
 TI Incorporation of 15N from ammonium into the N-linked oligosaccharides of an immunoadhesin glycoprotein expressed in Chinese hamster ovary cells  
 AU Gawlitzek, Martin; Papac, Damon I.; Sliwowski, Mary B.; Ryll, Thomas  
 CS Process Sciences, Genentech, Inc., South San Francisco, CA, 94080-4990, USA  
 SO Glycobiology (1999), 9(2), 125-131  
 CODEN: GLYCE3; ISSN: 0959-6658  
 PB Oxford University Press  
 DT Journal  
 LA English

L1 ANSWER 11 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:41856 CAPLUS  
 DN 130:221928  
 TI Animal pharmacokinetics of the tumor necrosis factor receptor-immunoglobulin fusion protein Lenercept and their extrapolation to humans  
 AU Richter, Wolfgang F.; Gallati, Harald; Schiller, Claus-Dieter  
 CS Pharma Division, Preclinical Research, F. Hoffmann-La Roche Ltd., Basel, CH-4070, Switz.  
 SO Drug Metab. Dispos. (1999), 27(1), 21-25  
 CODEN: DMDSAI; ISSN: 0090-9556  
 PB American Society for Pharmacology and Experimental Therapeutics  
 DT Journal  
 LA English

L1 ANSWER 12 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1999:27861 CAPLUS  
 DN 130:80354  
 TI Methods and compositions for galactosylated glycoproteins  
 IN Raju, Shantha T.  
 PA Genentech, Inc., USA  
 SO PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9858964	A1	19981230	WO 1998-US13066	19980623
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,			

FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, T, BJ, CF, CG, CI,  
 CM, GA, GN, IL, MR, NE, SN, TD, TG  
 AU 9881634 A1 19990104 AU 1998-81634 19980623  
 PRAI US 1997-881301 19970624  
 WO 1998-US13066 19980623

L1 ANSWER 13 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:785705 CAPLUS  
 DN 130:51343  
 TI Human trk receptors and neurotrophic factor inhibitors  
 IN Presta, Leonard G.; Shelton, David L.; Urfer, Roman  
 PA Genentech Inc., USA  
 SO U.S., 81 pp., Cont.-in-part of U.S. Ser. No. 286,846.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5844092	A	19981201	US 1994-359705	19941220
	US 5877016	A	19990302	US 1994-286846	19940805
	WO 9525795	A1	19950928	WO 1995-US3426	19950317
	W: AU, CA, JP, MX, NZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2184059	AA	19950928	CA 1995-2184059	19950317
	AU 9532456	A1	19951009	AU 1995-32456	19950317
	AU 707613	B2	19990715		
	EP 750666	A1	19970102	EP 1995-928850	19950317
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 09510612	T2	19971028	JP 1995-524743	19950317
PRAI	US 1994-215139		19940318		
	US 1994-286846		19940805		
	US 1994-359705		19941220		
	WO 1995-US3426		19950317		

L1 ANSWER 14 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:745097 CAPLUS  
 DN 130:3075  
 TI A method for making multispecific antibodies having heteromultimeric and common components  
 IN Arathoon, Robert; Carter, Paul J.; Merchant, Anne M.; Presta, Leonard G.  
 PA Genentech, Inc., USA  
 SO PCT Int. Appl., 70 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9850431	A2	19981112	WO 1998-US8762	19980430
	WO 9850431	A3	19990114		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9872709	A1	19981127	AU 1998-72709	19980430
PRAI	US 1997-850058		19970502		
	US 1997-50661		19970624		
	WO 1998-US8762		19980430		

L1 ANSWER 15 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:670893 CAPLUS  
 DN 130:220065  
 TI Protein targeting in the analysis of learning and memory: a potential  
 alternative to gene targeting  
 AU Gerlai, R.; Williams, Simon P.; Cairns, Belinda; Bruggen, Nicholas Van;  
 Moran, Paul; Shih, A.; Caras, Ingrid; Sauer, Hans; Phillips, Heidi S.;  
 Winslow, John W.  
 CS Neuroscience Department, Genentech, Inc., 1 DNA Way, South San Francisco,  
 CA, 94080-4990, USA  
 SO Exp. Brain Res. (1998), 123(1-2), 24-35  
 CODEN: EXBRAP; ISSN: 0014-4819  
 PB Springer-Verlag  
 DT Journal  
 LA English

L1 ANSWER 16 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:621320 CAPLUS  
 DN 129:244126  
 TI Immunoadhesins and methods of production and use for treating  
 inflammatory  
 conditions  
 IN Csaky, Karl G.; Anglade, Eddy; Sullivan, Daniel M.; Laroche, William  
 PA United States Dept. of Health and Human Services, USA  
 SO PCT Int. Appl., 82 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9840498	A2	19980917	WO 1998-US4634	19980310
	WO 9840498	A3	19990114		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9866953	A1	19980929	AU 1998-66953	19980310
PRAI	US 1997-814567		19970310		
	WO 1998-US4634		19980310		

L1 ANSWER 17 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:524722 CAPLUS  
 TI Validation studies to support the lenercept recovery process.  
 AU Winkler, Marjorie E.; Field, Matthew; Shahrokh, Zahra  
 CS Martin Vanderlaan Genentech, Inc, San Francisco, CA, 94080, USA  
 SO Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27  
 (1998), BIOT-063 Publisher: American Chemical Society, Washington, D. C.  
 CODEN: 66KYA2  
 DT Conference; Meeting Abstract  
 LA English

L1 ANSWER 18 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1998:388545 CAPLUS  
 DN 129:53361  
 TI Affinity purification of polypeptide on protein a matrix  
 IN Blank, Greg S.  
 PA Genentech, Inc., USA  
 SO PCT Int. Appl., 22 pp.  
 CODEN: PIXXD2  
 DT Patent

LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9823645	A1	19980604	WO 1997-US19994	19971029
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9852436	A1	19980622	AU 1998-52436	19971029
	EP 950067	A1	19991020	EP 1997-947326	19971029
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI			
PRAI	US 1996-31500		19961127		
	WO 1997-US19994		19971029		

L1 ANSWER 19 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:263882 CAPLUS  
DN 129:15215  
TI A p55 TNF receptor **immunoadhesin** prevents T cell-mediated intestinal injury by inhibiting matrix metalloproteinase production  
AU Pender, Sylvia L. F.; Fell, John M. E.; Chamow, Steven M.; Ashkenazi, Avi;

CS MacDonald, Thomas T.  
Department of Paediatric Gastroenterology, St. Bartholomew's and the Royal

London School of Medicine and Dentistry, London, UK

SO J. Immunol. (1998), 160(8), 4098-4103

CODEN: JOIMA3; ISSN: 0022-1767

PB American Association of Immunologists

DT Journal

LA English

L1 ANSWER 20 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:263875 CAPLUS  
DN 129:15262  
TI Disparate roles for TNF-.alpha. and Fas ligand in concanavalin A-induced hepatitis

AU Ksontini, Riadh; Colagiovanni, Dorothy B.; Josephs, Michael D.; Edwards, Carl K.; Tannahill, Cynthia L.; Solorzano, Carmen C.; Norman, James; Denham, Woody; Clare-Salzler, Michael; MacKay, Sally L. D.; Moldawer,

Lyle

L.  
CS Department of Surgery, College of Medicine, Univ. of Florida, Gainesville, FL, 32610, USA

SO J. Immunol. (1998), 160(8), 4082-4089

CODEN: JOIMA3; ISSN: 0022-1767

PB American Association of Immunologists

DT Journal

LA English

L1 ANSWER 21 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:226484 CAPLUS  
DN 128:320304  
TI Soluble FasR ligand-binding domain: high-yield production of active fusion

and non-fusion recombinant proteins using the baculovirus/insect cell system

AU Mahiou, Jerome; Abastado, Jean-Pierre; Cabanie, Lucien; Godeau, Francois  
CS INSERM U 373, Faculte de Medecine Necker, Paris, 75730, Fr.

SO Biochem. J. (1998) 30(2), 1051-1058  
CODEN: BIJOAK; ISSN: 00264-6021  
PB Portland Press Ltd.  
DT Journal  
LA English

L1 ANSWER 22 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1998:71221 CAPLUS  
DN 128:136859  
TI Soluble ErbB receptor extracellular domain fusion proteins their uses in  
antagonization of growth factors  
IN Fitzpatrick, Vincent Danial; Sliwowski, Mark; Vandlen, Richard L.  
PA Genentech, Inc., USA  
SO PCT Int. Appl., 58 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9802540	A1	19980122	WO 1997-US11825	19970708
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2258721	AA	19980122	CA 1997-2258721	19970708
	AU 9735962	A1	19980209	AU 1997-35962	19970708
	EP 912734	A1	19990506	EP 1997-932526	19970708
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
PRAI	US 1996-21640		19960712		
	US 1997-798326		19970210		
	WO 1997-US11825		19970708		

L1 ANSWER 23 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1997:776257 CAPLUS  
DN 128:47303  
TI Chimeric forms of vascular endothelial growth factor receptor proteins as  
novel inhibitors of vascular endothelial growth factor activity  
IN Davis-Smyth, Terri Lynn; Chen, Helen Hsifei; Presta, Leonard; Ferrara, Napoleone  
PA Genentech, Inc., USA; Davis-Smyth, Terri Lynn; Chen, Helen Hsifei; Presta, Leonard; Ferrara, Napoleone  
SO PCT Int. Appl., 62 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9744453	A1	19971127	WO 1997-US7694	19970506
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9730604	A1	19971209	AU 1997-30604	19970506



EP 907733 19990414 EP 1997-925475 19970506  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, MC, PT,  
 IE, FI  
 US 5952199 A 19990914 US 1997-874678 19970613  
 PRAI US 1996-643839 19960507  
 WO 1997-US7694 19970506

L1 ANSWER 24 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:713250 CAPLUS  
 DN 128:21611  
 TI Interaction of human IgE with soluble forms of IgE high affinity  
 receptors  
 AU Liu, Jun; Ruppel, Jane; Shire, Steven J.  
 CS Department of Pharmaceutical Research and Development, Genentech, Inc.,  
 South San Francisco, CA, 94080, USA  
 SO Pharm. Res. (1997), 14(10), 1388-1393  
 CODEN: PHREEB; ISSN: 0724-8741  
 PB Plenum  
 DT Journal  
 LA English

L1 ANSWER 25 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:673020 CAPLUS  
 DN 128:11947  
 TI Identification of a cellular receptor for subgroup E avian leukosis virus  
 AU Adkins, Heather B.; Brojatsch, Jurgen; Naughton, John; Rolls, Melissa M.;  
 Pesola, Jean M.; Young, John A. T.  
 CS Department Microbiology Molecular Genetics, Harvard Medical School,  
 Boston, MA, 02115, USA  
 SO Proc. Natl. Acad. Sci. U. S. A. (1997), 94(21), 11617-11622  
 CODEN: PNASA6; ISSN: 0027-8424  
 PB National Academy of Sciences  
 DT Journal  
 LA English

L1 ANSWER 26 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:494120 CAPLUS  
 DN 127:219104  
 TI Stable heterodimers from remodeling the domain interface of a homodimer  
 using a phage display library  
 AU Atwell, Shane; Ridgway, John B. B.; Wells, James A.; Carter, Paul  
 CS Department of Protein Engineering, Genentech Inc., South San Francisco,  
 CA, 94080, USA  
 SO J. Mol. Biol. (1997), 270(1), 26-35  
 CODEN: JMOBAK; ISSN: 0022-2836  
 PB Academic  
 DT Journal  
 LA English

L1 ANSWER 27 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:492020 CAPLUS  
 DN 127:171780  
 TI Direct demonstration of MuSK involvement in acetylcholine receptor  
 clustering through identification of agonist ScFv  
 AU Xie, Ming-Hong; Yuan, Jean; Adams, Camellia; Gurney, Austin  
 CS Department Molecular Biology, Genentech, Inc., San Francisco, CA, 94080,  
 USA  
 SO Nat. Biotechnol. (1997), 15(8), 768-771  
 CODEN: NABIF9; ISSN: 1087-0156  
 PB Nature America  
 DT Journal  
 LA English

L1 ANSWER 28 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:291754 CAPLUS

DN 127:13730  
 TI Cloning and characterization of a human leptin receptor using a biologically active leptin **immunoadhesin**  
 AU Luoh, S-M.; De Marco, F.; Levin, N.; Armanini, M.; Xie, M-H.; Nelson, C.; Bennett, G. L.; Williams, M.; Spencer, S. A.; Gurney, A.; de Sauvage, F. J.  
 CS Departments of Molecular Oncology, Neuroscience, Molecular Biology, Protein Chemistry and Bio Analytical Technology, Genentech Inc., South San Francisco, CA, 94080, USA  
 SO J. Mol. Endocrinol. (1997), 18(1), 77-85  
 CODEN: JMLEEI; ISSN: 0952-5041  
 PB Journal of Endocrinology  
 DT Journal  
 LA English

L1 ANSWER 29 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:291002 CAPLUS  
 DN 127:3808  
 TI Immunoadhesins as research tools and therapeutic agents  
 AU Ashkenazi, Avi; Chamow, Steven W.  
 CS Departments Molecular Oncology and Recoveryy Sci., Genentech Inc., South San Francisco, CA, 94080, USA  
 SO Curr. Opin. Immunol. (1997), 9(2), 195-200  
 CODEN: COPIEL; ISSN: 0952-7915  
 PB Current Biology  
 DT Journal; General Review  
 LA English

L1 ANSWER 30 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:230173 CAPLUS  
 TI Control of ammonia in cell cultures for enhanced glycosylation: Genetic and process engineering strategies  
 AU Stoll, T. S.; Sliwowski, M. B.; Jacobson, F.  
 CS Cell Culture and Ferm. R&D, Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO Book of Abstracts, 213th ACS National Meeting, San Francisco, April 13-17 (1997), BIOC-107 Publisher: American Chemical Society, Washington, D. C.  
 CODEN: 64AOAA  
 DT Conference; Meeting Abstract  
 LA English

L1 ANSWER 31 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:228822 CAPLUS  
 DN 126:291482  
 TI Identification of the binding site in intercellular adhesion molecule 1 for its receptor, leukocyte function-associated antigen 1  
 AU Fisher, Karen L.; Lu, Ji; Riddle, Lavon; Kim, K. Jin; Presta, Leonard G.; Bodary, Sarah C.  
 CS Department of Immunology, Genentech Inc., South San Francisco, CA, 94080, USA  
 SO Mol. Biol. Cell (1997), 8(3), 501-515  
 CODEN: MBCEEV; ISSN: 1059-1524  
 PB American Society for Cell Biology  
 DT Journal  
 LA English

L1 ANSWER 32 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1997:138257 CAPLUS  
 DN 126:237166  
 TI Interleukin-10 **immunoadhesin** production by a replication-defective adenovirus  
 AU Anglade, Eddy; Sullivan, Daniel M.; Csaky, Karl G.  
 CS Laboratory of Immunology, National Eye Institute, National Institutes of Health, Building 10, Room 10N-119, 9000 Rockville Pike, Bethesda, MD,

20892, USA  
SO J. Immunol. Methods (1997), 202(1), 41-48  
CODEN: JIMMBG; ISSN: 0022-1759  
PB Elsevier  
DT Journal  
LA English

L1 ANSWER 33 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1997:93184 CAPLUS  
DN 126:181749  
TI A paracrine effect for neuron-derived BDNF in development of dorsal root ganglia: stimulation of Schwann cell myelin protein expression by glial cells  
AU Pruginin-Bluger, Merav; Shelton, Dave L.; Kalcheim, Chaya  
CS Department of Anatomy and Cell Biology, Hebrew University-Hadassah Medical School, P.O. Box 12272, Jerusalem, 91120, Israel  
SO Mech. Dev. (1997), 61(1,2), 99-111  
CODEN: MEDVE6; ISSN: 0925-4773  
PB Elsevier  
DT Journal  
LA English

L1 ANSWER 34 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1996:625656 CAPLUS  
DN 125:269994  
TI Residue Trp-48 of Tva is critical for viral entry but not for high-affinity binding to the SU glycoprotein of subgroup A avian leukosis and sarcoma viruses  
AU Zingler, Kurt; Young, John A. T.  
CS Department Microbiology Immunology, University California School Medicine, San Francisco, CA, 94143, USA  
SO J. Virol. (1996), 70(11), 7510-7516  
CODEN: JOVIAM; ISSN: 0022-538X  
DT Journal  
LA English

L1 ANSWER 35 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1996:625480 CAPLUS  
DN 125:273620  
TI Construction of heterodimeric antibody, *immunoadhesin*, or fusion product using substitution mutation, sequences of immunoglobulin interface regions, and uses in immunodiagnosis or gene therapy  
IN Carter, Paul J.; Presta, Leonard G.; Ridgway, John B.  
PA Genentech, Inc., USA  
SO PCT Int. Appl., 73 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9627011	A1	19960906	WO 1996-US1598	19960205
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK			
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD			
	US 5731168	A	19980324	US 1995-399106	19950301
	US 5807706	A	19980915	US 1995-433105	19950503
	US 5821333	A	19981013	US 1995-434869	19950503

CA 2211459	A	19960906	CA 1996-2211459	19960205
AU 9649733	A	19960918	AU 1996-49733	19960205
AU 702737	B2	19990304		
EP 812357	A1	19971217	EP 1996-906311	19960205

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, SE, MC, PT,

IE

CN 1176659	A	19980318	CN 1996-192224	19960205
BR 9607622	A	19980609	BR 1996-7622	19960205
JP 11500915	T2	19990126	JP 1996-526260	19960205
FI 9703543	A	19970828	FI 1997-3543	19970828
NO 9703982	A	19971103	NO 1997-3982	19970829

PRAI US 1995-399106 19950301  
WO 1996-US1598 19960205

L1 ANSWER 36 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1996:482707 CAPLUS  
DN 125:140122  
TI Knobs-into-holes engineering of antibody CH3 domains for heavy chain heterodimerization  
AU Ridgway, John B. B.; Presta, Leonard G.; Carter, Paul  
CS Dep. Mol. Oncol., Genentech Inc., South San Francisco, CA, 94080, USA  
SO Protein Eng. (1996), 9(7), 617-621  
CODEN: PRENE9; ISSN: 0269-2139  
DT Journal  
LA English

L1 ANSWER 37 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1996:378581 CAPLUS  
DN 125:55902  
TI Characterization of different soluble TNF receptor (TNFR80) derivatives: positive influence of the intracellular domain on receptor/ligand interaction and TNF neutralization capacity  
AU Moosmayer, Dieter; Wajant, Harald; Gerlach, Elke; Schmidt, Mathias; Brocks, Bodo; Pfizenmaier, Klaus  
CS Inst. Cell Biol. Immunol., Univ. Stuttgart, Stuttgart, Germany  
SO J. Interferon Cytokine Res. (1996), 16(6), 471-477  
CODEN: JICRFJ; ISSN: 1079-9907  
DT Journal  
LA English

L1 ANSWER 38 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1996:302525 CAPLUS  
DN 124:334830  
TI Method for selecting high-expressing host cells using dicistronic expression system containing selectable/amplifiable gene within an intron  
IN Crowley, Craig W.  
PA Genentech, Inc., USA  
SO PCT Int. Appl., 141 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9604391	A1	19960215	WO 1995-US9576	19950728
	W: AU, CA, JP, MX				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5561053	A	19961001	US 1994-286740	19940805
	CA 2195303	AA	19960215	CA 1995-2195303	19950728
	AU 9532045	A1	19960304	AU 1995-32045	19950728
	AU 704408	B2	19990422		
	EP 770136	A1	19970502	EP 1995-928192	19950728
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 10503376	T2	19980331	JP 1995-506644	19950728

L1 ANSWER 39 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1996:289094 CAPLUS

DN 124:340817

TI Individually distinct Ig homology domains in PECAM-1 regulate homophilic binding and modulate receptor affinity

AU Sun, Qi-Hong; DeLisser, Horace M.; Zukowski, Mark M.; Paddock, Cathy; Albelda, Steven M.; Newman, Peter J.

CS Blood Research Institute, Blood Center Southeastern Wisconsin, Milwaukee, WI, 53233-2194, USA

SO J. Biol. Chem. (1996), 271(19), 11090-11098  
CODEN: JBCHA3; ISSN: 0021-9258

DT Journal

LA English

L1 ANSWER 40 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1996:136770 CAPLUS

DN 124:172803

TI Immuno adhesins: principles and applications

AU Chamow, Steven M.; Ashkenazi, Avi

CS Dep. Recovery Sci., Genentech, South San Francisco, CA, 94080-4990, USA

SO Trends Biotechnol. (1996), 14(2), 52-60

CODEN: TRBIDM; ISSN: 0167-7799

DT Journal; General Review

LA English

L1 ANSWER 41 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1996:24249 CAPLUS

DN 124:84547

TI A bivalent **immuno adhesin** of the human interferon-.gamma. receptor is an effective inhibitor of IFN-.gamma. activity

AU Moosmayer, Dieter; Gerlach, Elke; Hauff, Roland; Becker, Pascale; Brocks, Bodo; Pfizenmaier, Klaus

CS Inst. Cell Biol. Immunol., Univ. Stuttgart, Stuttgart, D-70569, Germany

SO J. Interferon Cytokine Res. (1995), 15(12), 1111-15

CODEN: JICRFJ; ISSN: 1079-9907

DT Journal

LA English

L1 ANSWER 42 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1995:971281 CAPLUS

DN 124:53596

TI Human FcERI-IgG and humanized anti-IgE monoclonal antibody MaE11 block passive sensitization of human and rhesus monkey lung

AU Saban, Ricardo; Haak-Frendscho, Mary; Zine, Matthew; Ridgway, John; Gorman, Cornelia; Presta, Leonard G.; Bjorling, Dale; Saban, Marcia; Jardieu, Paula

CS School Veterinary Medicine, University Wisconsin, Madison, WI, 53706, USA

SO J. Allergy Clin. Immunol. (1994), 94(5), 836-43

CODEN: JACIBY; ISSN: 0091-6749

DT Journal

LA English

L1 ANSWER 43 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1995:885170 CAPLUS

DN 123:336742

TI Immuno adhesins: an alternative to human monoclonal antibodies

AU Ashkenazi, Avi; Chamow, Steven M.

CS Department of Molecular Biology, Genentech Inc., South San Francisco, CA, 94080, USA

SO Methods (San Diego) (1995), 8(2), 104-15

CODEN: MTHDE9; ISSN: 1046-2023

DT Journal; General Review

LA English

L1 ANSWER 44 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1995:313906 CAPLUS  
 DN 123:1194  
 TI Human trks: molecular cloning, tissue distribution, and expression of extracellular domain immunoadhesins  
 AU Shelton, David L.; Sutherland, Joni; Gripp, John; Camerato, Tom; Armanini, Mark P.; Phillips, Heidi S.; Carroll, Kathleen; Spencer, Susan D.; Levinson, Arthur D.  
 CS Dep. Neurosci., Mol. Biol., and Cell Genet., Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO J. Neurosci. (1995), 15(1, Pt. 2), 477-91  
 CODEN: JNRSDS; ISSN: 0270-6474  
 DT Journal  
 LA English

L1 ANSWER 45 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1995:271825 CAPLUS  
 DN 122:211875  
 TI Adaptation to persistent growth in the H9 cell line renders a primary isolate of human immunodeficiency virus type 1 sensitive to neutralization by vaccine sera  
 AU Wrin, Terri; Loh, Tatjana P.; Vennari, Joann Charron; Schuitemaker, Hanneke; Nunberg, Jack H.  
 CS Res. Virology Lab., Genentech Inc., South San Francisco, CA, 94080, USA  
 SO J. Virol. (1995), 69(1), 39-48  
 CODEN: JOVIAM; ISSN: 0022-538X  
 DT Journal  
 LA English

L1 ANSWER 46 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1995:262317 CAPLUS  
 DN 122:29652  
 TI Molecular and biological properties of an interleukin-1 receptor **immunoadhesin**  
 AU Pitti, Robert M.; Marsters, Scot A.; Haak-Frendscho, Mary; Osaka, Gary C.; Mordenti, Joyce; Chamow, Steven M.; Ashkenazi, Avi  
 CS Department of Molecular Biology, Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO Mol. Immunol. (1994), 31(17), 1345-51  
 CODEN: MOIMD5; ISSN: 0161-5890  
 DT Journal  
 LA English

L1 ANSWER 47 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1995:262316 CAPLUS  
 DN 122:78538  
 TI Generation of soluble interleukin-1 receptor from an **immunoadhesin** by specific cleavage  
 AU Beck, Joanne T.; Marsters, Scot A.; Harris, Reed J.; Carter, Paul; Ashkenazi, Avi; Chamow, Steven M.  
 CS Department of Recovery Sciences, Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO Mol. Immunol. (1994), 31(17), 1335-44  
 CODEN: MOIMD5; ISSN: 0161-5890  
 DT Journal  
 LA English

L1 ANSWER 48 OF 76 CAPLUS COPYRIGHT 1999 ACS

AN 1994:698869 CAPLUS  
DN 121:298869  
TI Protection against rat endotoxic shock by p55 tumor necrosis factor (TNF) receptor **immunoadhesin**: Comparison with anti-TNF monoclonal antibody  
AU Jin, Hongkui; Yang, Renhui; Marsters, Scot A.; Bunting, Stuart A.; Wurm, Florian M.; Chamow, Steven M.; Ashkenazi, Avi  
CS Department Molecular Biology, Genentech, Inc., South San Francisco, CA, 94080, USA  
SO J. Infect. Dis. (1994), 170(5), 1323-6  
CODEN: JIDIAQ; ISSN: 0022-1899  
DT Journal  
LA English

L1 ANSWER 49 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1994:653553 CAPLUS  
DN 121:253553  
TI A humanized bispecific **immunoadhesin**-antibody that retargets CD3+ effectors to kill HIV-1-infected cells  
AU Chamow, S. M.; Zhang, D. Z.; Tan, X. Y.; Mhatre, S. M.; Marsters, S. A.; Peers, D. H.; Byrn, R. A.; Ashkenazi, A.; Junghans, R. P.  
CS Departments of Recovery Sciences and Molecular Biology, Genentech Inc., South San Francisco, CA, 94080, USA  
SO J. Immunol. (1994), 153(9), 4268-80  
CODEN: JOIMA3; ISSN: 0022-1767  
DT Journal  
LA English

L1 ANSWER 50 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1994:628232 CAPLUS  
DN 121:228232  
TI Location of CD4 dimerization site explains critical role of CDR3-like region in HIV-1 infection and implies a model for multisubunit complex involved in T-cell activation  
AU Langedijk, Johannes P. M.; Puijk, Wouter C.; van Hoorn, Willem Paul; Meloen, Rob H.  
CS Cent. Vet. Inst., Lelystad, 8200, Neth.  
SO Vaccines 94: Mod. Approaches New Vaccines Incl. Prev. AIDS, [Annu. Meet.], 11th (1994), Meeting Date 1993, 253-9. Editor(s): Norrby, Erling.  
Publisher: Cold Spring Harbor Lab. Press, Cold Spring Harbor, N.Y.  
CODEN: 60PMAJ  
DT Conference  
LA English

L1 ANSWER 51 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1994:587011 CAPLUS  
DN 121:187011  
TI Liposome targeting to human immunodeficiency virus type 1-infected cells via recombinant soluble CD4 and CD4 **immunoadhesin** (CD4-IgG)  
AU Flasher, Diana; Konopka, Krystyna; Chamow, Steven M.; Dazin, Paul; Ashkenazi, Avi; Pretzer, Elizabeth; Duezguenes, Nejat  
CS Department of Microbiology, School of Dentistry, University of the Pacific, 2155 Webster Street, San Francisco, CA, 94115-2399, USA  
SO Biochim. Biophys. Acta (1994), 1194(1), 185-96  
CODEN: BBACAQ; ISSN: 0006-3002  
DT Journal  
LA English

L1 ANSWER 52 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1994:320868 CAPLUS  
DN 120:320868  
TI Evaluation of monoclonal antibodies to HIV-1 envelope by neutralization and binding assays: An international collaboration  
AU D'Souza, M. Patricia; Geyer, Sharon J.; Hanson, Carl V.; Hendry, R.

Michael; Milman, Gregory; et al.  
 CS Natl. Inst. Allergy and Infect. Dis., Natl. Inst. Health, Bethesda, MD,  
 USA  
 SO AIDS (London) (1994), 8(2), 169-81  
 CODEN: AIDSET; ISSN: 0269-9370  
 DT Journal  
 LA English

L1 ANSWER 53 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1994:296672 CAPLUS  
 DN 120:296672  
 TI Bispecific immunoadhesins (a chimeric immunoglobulin)  
 IN Ashkenazi, Avi J.; Chamow, Steven M.  
 PA Genetech, Inc., USA  
 SO PCT Int. Appl., 78 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9404690	A1	19940303	WO 1993-US7783	19930817
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 656064	A1	19950607	EP 1993-920182	19930817
	EP 656064	B1	19970305		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 08500017	T2	19960109	JP 1993-506516	19930817
	AU 668423	B2	19960502	AU 1993-50801	19930817
	AT 149570	E	19970315	AT 1993-920182	19930817
PRAI	US 1992-931811		19920817		
	WO 1993-US7783		19930817		

L1 ANSWER 54 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1994:242157 CAPLUS  
 DN 120:242157  
 TI Inhibition of TNF by a TNF receptor **immunoadhesin**. Comparison to  
 an anti-TNF monoclonal antibody  
 AU Haak-Frendscho, M.; Marsters, S. A.; Mordenti, J.; Brady, S.; Gillett, N.  
 A.; Chen, S. A.; Ashkenazi, A.  
 CS Dep. Mol. Biol., Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO J. Immunol. (1994), 152(3), 1347-53  
 CODEN: JOIMA3; ISSN: 0022-1767  
 DT Journal  
 LA English

L1 ANSWER 55 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1994:200411 CAPLUS  
 DN 120:200411  
 TI Modification of CD4 **Immunoadhesin** with Monomethoxypoly(Ethylene  
 Glycol) Aldehyde via Reductive Alkylation  
 AU Chamow, Steven M.; Kogan, Timothy P.; Venuti, Michael; Gadek, Thomas;  
 Harris, Reed J.; Peers, David H.; Mordenti, Joyce; Shak, Steven;  
 Ashkenazi, Avi  
 CS Departments of Process Science, Genentech Inc., South San Francisco, CA,  
 94080, USA  
 SO Bioconjugate Chem. (1994), 5(2), 133-40  
 CODEN: BCCHE3; ISSN: 1043-1802  
 DT Journal  
 LA English

L1 ANSWER 56 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1994:189404 CAPLUS  
 DN 120:189404



TI Inhibition of murine erythroid colony formation in vitro by interferon  
.gamma. and correlation by interferon receptor **immunoadhesin**  
AU Means, Robert T., Jr.; Krantz, Sanford B.; Marsters, Scot A.; Ashkenazi,  
Avi  
CS Sch. Med., Vanderbilt Univ., Nashville, TN, USA  
SO Blood (1994), 83(4), 911-15  
CODEN: BLOOAW; ISSN: 0006-4971  
DT Journal  
LA English

L1 ANSWER 57 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1993:668617 CAPLUS  
DN 119:268617  
TI Inhibition of interferon-.gamma. by an interferon-.gamma. receptor  
**immunoadhesin**  
AU Haak-Frendscho, M.; Marsters, S. A.; Chamow, S. M.; Peers, D. H.;  
Simpson,  
N. J.; Ashkenazi, A.  
CS Dep. Mol. Biol., Genentech., Inc., South San Francisco, CA, USA  
SO Immunology (1993), 79(4), 594-9  
CODEN: IMMUAM; ISSN: 0019-2805  
DT Journal  
LA English

L1 ANSWER 58 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1993:640942 CAPLUS  
DN 119:240942  
TI Nevirapine synergistically inhibits HIV-1 replication in combination with  
zidovudine, interferon or CD4 **immunoadhesin**  
AU Koup, Richard A.; Brewster, Frank; Grob, Peter; Sullivan, John L.  
CS Med. Sch., Univ. Massachusetts, Worcester, MA, 01605, USA  
SO AIDS (London) (1993), 66,(9), 1181-4  
CODEN: AIDSET; ISSN: 0269-9370  
DT Journal  
LA English

L1 ANSWER 59 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1993:579117 CAPLUS  
DN 119:179117  
TI Human IgE receptor .alpha.-chain IgG chimera blocks passive cutaneous  
anaphylaxis reaction in vivo  
AU Haak-Frendscho, M.; Ridgway, J.; Shields, R.; Robbins, K.; Gorman, C.;  
Jardieu, P.  
CS Dep. Immunol., Genentech, Inc., South San Francisco, CA, 94080, USA  
SO J. Immunol. (1993), 151(1), 351-8  
CODEN: JOIMA3; ISSN: 0022-1767  
DT Journal  
LA English

L1 ANSWER 60 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1993:557883 CAPLUS  
DN 119:157883  
TI Location of CD4 dimerization site explains critical role of CDR3-like  
region in HIV-1 infection and T-cell activation and implies a model for  
complex of coreceptor-MHC  
AU Langedijk, Johannes P. M.; Puijk, Wouter C.; van Hoorn, Willem Paul;  
Meloan, Rob H.  
CS Cent. Vet. Inst., Lelystad, 8200 AB, Neth.  
SO J. Biol. Chem. (1993), 268(23), 16875-8  
CODEN: JBCHA3; ISSN: 0021-9258  
DT Journal  
LA English

L1 ANSWER 61 OF 76 CAPLUS COPYRIGHT 1999 ACS  
AN 1993:531517 CAPLUS

DN 119:131517  
 TI Inhibition of binding of Plasmodium falciparum-infected erythrocytes to CD36 or ICAM-1  
 IN Staunton, Donald E.; Springer, Timothy A.; Ockenhouse, Christian F.  
 PA Center for Blood Research, USA; United States Dept. of the Army  
 SO PCT Int. Appl., 63 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9306849	A1	19930415	WO 1992-US8483	19921005
	W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
	AU 9228612	A1	19930503	AU 1992-28612	19921005
PRAI	US 1991-769625		19911003		
	US 1992-862708		19920403		
	US 1992-899064		19920612		
	WO 1992-US8483		19921005		

L1 ANSWER 62 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1993:525182 CAPLUS  
 DN 119:125182  
 TI CD36 immunoadhesins and their use in selectively killing Plasmodium falciparum-infected erythrocytes  
 IN Staunton, Donald E.; Springer, Timothy A.  
 PA Center for Blood Research, USA  
 SO PCT Int. Appl., 69 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9306848	A1	19930415	WO 1992-US8482	19921005
	W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
	AU 9227958	A1	19930503	AU 1992-27958	19921005
PRAI	US 1991-769625		19911003		
	US 1992-862708		19920403		
	US 1992-899061		19920612		
	WO 1992-US8482		19921005		

L1 ANSWER 63 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1993:493277 CAPLUS  
 DN 119:93277  
 TI Efficient neutralization and disruption of rhinovirus by chimeric ICAM-1/immunoglobulin molecules  
 AU Martin, Stephan; Casasnovas, Jose M.; Staunton, Donald E.; Springer, Timothy A.  
 CS Cent. Blood Res., Boston, MA, 02115, USA  
 SO J. Virol. (1993), 67(6), 3561-8  
 CODEN: JOVIAM; ISSN: 0022-538X  
 DT Journal  
 LA English

L1 ANSWER 64 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1993:145871 CAPLUS  
 DN 118:145871  
 TI CD4 immunoadhesins in anti-HIV therapy: new developments

AU Chamow, Steven M.; Guliege, Anne Marie; Ammann, Art; Kahn, James O.;  
 Allen, J. Davis; Schberg, Jorg W.; Byrn, Randal A.; Capon, Daniel J.;  
 Ward, Rebecca H. R.; Ashkenazi, Avi  
 CS Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO Int. J. Cancer, Suppl. (1992), 7(Bispecific Antibodies Targeted Cell  
 Cytotoxic), 69-72  
 CODEN: IJSUEZ; ISSN: 0898-6924  
 DT Journal  
 LA English

L1 ANSWER 65 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1993:57983 CAPLUS  
 DN 118:57983

TI The monoclonal CD4 antibody M-T413 inhibits cellular infection with human  
 immunodeficiency virus after viral attachment to the cell membrane: an  
 approach to postexposure prophylaxis

AU Rieber, E. P.; Federle, C.; Reiter, C.; Krauss, S.; Guertler, L.; Eberle,  
 J.; Deinhardt, F.; Riethmueller, G.

CS Inst. Immunol., Univ. Munich, Munich, 8000, Germany  
 SO Proc. Natl. Acad. Sci. U. S. A. (1992), 89(22), 10792-6  
 CODEN: PNASA6; ISSN: 0027-8424

DT Journal  
 LA English

L1 ANSWER 66 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1992:610526 CAPLUS  
 DN 117:210526

TI Soluble intercellular adhesion molecule 1-immunoglobulin G1  
**immunoadhesin** mediates phagocytosis of malaria-infected  
 erythrocytes

AU Staunton, Donald E.; Ockenhouse, Christian F.; Springer, Timothy A.  
 CS Walter Reed Army Med. Cent., Walter Reed Army Inst. Res., Washington, DC,  
 20307, USA

SO J. Exp. Med. (1992), 176(5), 1471-6  
 CODEN: JEMEA; ISSN: 0022-1007

DT Journal  
 LA English

L1 ANSWER 67 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1992:248413 CAPLUS  
 DN 116:248413

TI Method for inhibiting the infectivity of human immunodeficiency virus  
 IN Celada, Franco

PA Hospital for Joint Diseases, USA  
 SO PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9205799	A1	19920416	WO 1991-US6079	19910826
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	CA 2091253	AA	19920329	CA 1991-2091253	19910826
	AU 9186317	A1	19920428	AU 1991-86317	19910826
	AU 653366	B2	19940929		
	EP 550516	A1	19930714	EP 1991-916608	19910826
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
PRAI	US 1990-589722		19900928		
	WO 1991-US6079		19910826		

L1 ANSWER 68 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1992:192352 CAPLUS  
 DN 116:192352

TI Identification of cysteine-rich domains of the type I tumor necrosis  
 factor receptor involved in ligand binding  
 AU Marsters, Scot A.; Frutkin, Andrew D.; Simpson, Nancy J.; Fendly, Brian  
 M.; Ashkenazi, Avi  
 CS Dep. Immunobiol., Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO J. Biol. Chem. (1992), 267(9), 5747-50  
 CODEN: JBCHA3; ISSN: 0021-9258  
 DT Journal  
 LA English

L1 ANSWER 69 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1992:19532 CAPLUS  
 DN 116:19532  
 TI Protection against endotoxic shock by a tumor necrosis factor receptor  
 immunoadhesin  
 AU Ashkenazi, Avi; Marsters, Scot A.; Capon, Daniel J.; Chamow, Steven M.;  
 Figari, Irene S.; Pennica, Diana; Goeddel, David V.; Palladino, Michael  
 A.; Smith, Douglas H.  
 CS Dep. Immunobiol., Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO Proc. Natl. Acad. Sci. U. S. A. (1991), 88(23), 10535-9  
 CODEN: PNASA6; ISSN: 0027-8424  
 DT Journal  
 LA English

L1 ANSWER 70 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1992:19314 CAPLUS  
 DN 116:19314  
 TI Antiviral effects of CD4 derivatives  
 AU Capon, D. J.; Ward, R. H. R.  
 CS Genentech Inc., San Francisco, CA, USA  
 SO Curr. Opin. Immunol. (1991), 2(3), 433-8  
 CODEN: COPIEL; ISSN: 0952-7915  
 DT Journal; General Review  
 LA English

L1 ANSWER 71 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1991:512552 CAPLUS  
 DN 115:112552  
 TI Prevention of HIV-1 IIIB infection in chimpanzees by CD4  
 immunoadhesin  
 AU Ward, Rebecca H. R.; Capon, Daniel J.; Jett, Catherine M.; Murthy,  
 Krishna  
 K.; Mordenti, Joyce; Lucas, Catherine; Frie, Steve W.; Prince, Alfred M.;  
 Green, James D.; Eichberg, Jorg W.  
 CS Genentech Inc., S. San Francisco, CA, 94080, USA  
 SO Nature (London) (1991), 352(6334), 434-6  
 CODEN: NATUAS; ISSN: 0028-0836  
 DT Journal  
 LA English

L1 ANSWER 72 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1991:490402 CAPLUS  
 DN 115:90402  
 TI Structural characterization of a recombinant CD4-IgG hybrid molecule  
 AU Harris, Reed J.; Wagner, Karen L.; Spellman, Michael W.  
 CS Dep. Med. Anal. Chem., Genentech, Inc., South San Francisco, CA, USA  
 SO Eur. J. Biochem. (1990), 194(2), 611-20  
 CODEN: EJBCAI; ISSN: 0014-2956  
 DT Journal  
 LA English

L1 ANSWER 73 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1990:609496 CAPLUS  
 DN 113:209496  
 TI CD4 immunoadhesin, but not recombinant soluble CD4, blocks

syncytium formation by human immunodeficiency virus type 2-infected lymphoid cells  
 AU Sekigawa, Iwao; Chamow, Steven M.; Groopman, Jerome E.; Byrn, Randal A.  
 CS Dep. Med., New England Deaconess Hosp., Boston, MA, 02215, USA  
 SO J. Virol. (1990), 64(10), 5194-8  
 CODEN: JOVIAM; ISSN: 0022-538X  
 DT Journal  
 LA English

L1 ANSWER 74 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1990:589364 CAPLUS  
 DN 113:189364  
 TI Enzymic cleavage of a CD4 **immunoadhesin** generates crystallizable, biologically active Fd-like fragments  
 AU Chamow, Steven M.; Peers, David H.; Byrn, Randal A.; Mulkerrin, Michael G.; Harris, Reed J.; Wang, Wen Ching; Bjorkman, Pamela J.; Capon, Daniel J.; Ashkenazi, Avi  
 CS Dep. Recovery Process Res., Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO Biochemistry (1990), 29(42), 9885-91  
 CODEN: BICHAW; ISSN: 0006-2960  
 DT Journal  
 LA English

L1 ANSWER 75 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1990:214867 CAPLUS  
 DN 112:214867  
 TI Biological properties of a CD4 **immunoadhesin**  
 AU Byrn, Randal A.; Mordenti, Joyce; Lucas, Catherine; Smith, Douglas; Marsters, Scot A.; Johnson, Jennifer S.; Cossum, Paul; Chamow, Steven M.; Wurm, Florian M.; et al.  
 CS Genetech Inc., South San Francisco, CA, 94080, USA  
 SO Nature (London) (1990), 344(6267), 667-70  
 CODEN: NATUAS; ISSN: 0028-0836  
 DT Journal  
 LA English

L1 ANSWER 76 OF 76 CAPLUS COPYRIGHT 1999 ACS  
 AN 1989:152362 CAPLUS  
 DN 110:152362  
 TI Designing CD4 immunoadhesins for AIDS therapy  
 AU Capon, Daniel J.; Chamow, Steven M.; Mordenti, Joyce; Marsters, Scot A.; Gregory, Timothy; Mitsuya, Hiroaki; Byrn, Randal A.; Lucas, Catherine; Wurm, Florian M.; et al.  
 CS Dep. Mol. Biol., Genentech, Inc., South San Francisco, CA, 94080, USA  
 SO Nature (London) (1989), 337(6207), 525-31  
 CODEN: NATUAS; ISSN: 0028-0836  
 DT Journal  
 LA English

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L7      2 NRG# AND "GODOWSKI PAUL J"/AU
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L7  ANSWER 1 OF 2  CAPLUS  COPYRIGHT 1999 ACS
AN  1999:64929  CAPLUS
DN  130:134994
TI  Cloning, neural-specific expression, and function of murine and human
    ErbB4 receptor-specific neuregulin-related ligands
IN  Godowski, Paul J.; Mark, Melanie R.; Zhang, Dong-xiao
PA  Genentech, Inc., USA
SO  PCT Int. Appl., 101 pp.
    CODEN: PIXXD2
DT  Patent
LA  English
FAN.CNT 1
```

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9902681	A1	19990121	WO 1998-US13411	19980630
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9881734	A1	19990208	AU 1998-81734	19980630
PRAI	US 1997-52019		19970709		
	US 1997-899437		19970724		
	WO 1998-US13411		19980630		
AB	The invention concerns novel a neuregulin-related ligand ( <b>NRG3</b> ) including fragments and variants thereof, as new members of the neuregulin family of compds. The invention also concerns methods and means for producing <b>NRG3</b> . Novel cDNAs were identified using an expressed sequence tag (GenBank H23651) that encode murine <b>NRG3</b> and 2 alternatively spliced forms of human <b>NRG3</b> differing in the presence or absence of nucleotide residues 1585-1656 (amino acid residues 529-552). The native polypeptides of the invention are characterized by contg. an extracellular domain including an EGF-like domain, a transmembrane domain and a cytoplasmic domain. The EGF-like domain is distinct from EGF-like domains of <b>NRG1</b> and <b>NRG2</b> , and the <b>NRG3</b> displays distinct receptor binding characteristics relative to other neuregulin-like polypeptides. Northern blot anal. demonstrates that <b>NRG3</b> exhibits a neural expression pattern. <b>NRG3</b> binds to and activates phosphorylation of the ErbB4 receptor, thereby enhancing cellular proliferation. Isolated nucleotide sequences encoding such polypeptides, expression vectors contg. the nucleotide sequences, recombinant host cells transformed with vectors, and methods for the recombinant prodn. for the novel NRG3s are also within the scope of the invention.				

TI Neuregulin-3 (**NRG3**): a novel neural tissue-enriched protein that binds and activates ERBB4

AU Zhang, Dongxiao; Sliwkowski, Mark X.; Mark, Melanie; Frantz, Gretchen; Akita, Robert; Sun, Yang; Hillan, Kenneth; Crowley, Craig; Brush, Jennifer; **Godowski, Paul J.**

CS Departments of Molecular Biology, Protein Chemistry, and Pathology, Genentech, Inc., South San Francisco, CA, 94080, USA

SO Proc. Natl. Acad. Sci. U. S. A. (1997), 94(18), 9562-9567  
CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

AB We describe the identification of Neuregulin-3 (**NRG3**), a novel protein that is structurally related to the neuregulins (**NRG1**). The **NRG1**/neuregulins are a diverse family of proteins that arise by alternative splicing from a single gene. These proteins play an important role in controlling the growth and differentiation of glial, epithelial, and muscle cells. The biol. effects of **NRG1** are mediated by receptor tyrosine kinases ErbB2, ErbB3, and ErbB4. However, genetic studies have suggested that the activity of ErbB4 may also be regulated in the central nervous system by a ligand distinct from **NRG1**. **NRG3** is predicted to contain an extracellular domain with an epidermal growth factor (EGF) motif, a transmembrane domain, and a large cytoplasmic domain. We show that the EGF-like domain of **NRG3** binds to the extracellular domain of ErbB4 in vitro. Moreover, **NRG3** binds to ErbB4 expressed on cells and stimulates tyrosine phosphorylation of this receptor. The expression of **NRG3** is highly restricted to the developing and adult nervous system. These data suggest that **NRG3** is a novel, neural-enriched ligand for ErbB4.

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      24031 IMMUNOGLOBULIN
      56 "GODOWSKI PAUL J"/AU
L6      1 IMMUNOGLOBULIN AND "GODOWSKI PAUL J"/AU
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L6  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 1999 ACS
AN  1999:286079  CAPLUS
DN  130:294563
TI  New human homologs of the Drosophila Toll gene
IN  Goddard, Audrey; Godowski, Paul J.; Gurney, Austin L.; Mark,
    Melanie R.; Yang, Ruey-Bing
PA  Genentech, Inc., USA
SO  PCT Int. Appl., 79 pp.
    CODEN: PIXXD2
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DT  Patent
LA  English
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FAN.CNT 1
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9920756	A2	19990429	WO 1998-US21141	19981007
	WO 9920756	A3	19990910		
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,			

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TM
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RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
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	AU 9910703	A1	19990510	AU 1999-10703	19981007
PRAI	US 1997-62250		19971017		
	US 1997-65311		19971113		
	US 1998-83322		19980428		
	US 1998-90863		19980626		
	US 1998-105413		19980626		
	WO 1998-US21141		19981007		

```
AB  Three new human homologs of the Drosophila Toll gene are identified and
    the gene products characterized.  CDNAs encoding the human Toll proteins
    PRO285, PRO286, and PRO358, are cloned for manuf. of the proteins.  At
    least one of the proteins is involved in signal transduction and plays a
    role in the lipopolysaccharide induction of interleukin 8.  The protein
    may therefore be a target for the treatment or prophylaxis of septic
    shock.  The genes were first identified by screening a com. human EST
    database for homologs of the Toll protein and the EST sequence used to
    design primers and probes to identify the gene.
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